

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1-39. (canceled)

40. (new) An isolated nucleic acid molecule comprising a sequence encoding the polypeptide of SEQ ID NO: 14 with a substitution at asparagine-20.

41. (new) The isolated nucleic acid molecule of claim 40 encoding the polypeptide of SEQ ID NO: 14, further comprising a substitution at cysteine-98.

42. (new) The isolated nucleic acid molecule of claim 40 encoding the polypeptide of SEQ ID NO: 14, further comprising a substitution at aspartic acid-45.

43. (new) The isolated nucleic acid molecule of claim 40 encoding the polypeptide of SEQ ID NO: 14, further comprising a substitution at cysteine-98.

44. (new) The isolated nucleic acid molecule of claim 40 encoding the polypeptide of SEQ ID NO: 14, further comprising a substitution at lysine-157.

45. (new) The isolated nucleic acid molecule of claim 40, encoding substitution of aspartic acid for asparagine-20.

46. (new) The isolated nucleic acid molecule of claim 41, encoding substitution of serine for cysteine-98.

47. (new) The isolated nucleic acid molecule of claim 42, encoding substitution of asparagine for aspartic acid-45.

48. (new) The isolated nucleic acid molecule of claim 43, encoding substitution of serine for cyteine-98.

49. (new) The isolated nucleic acid molecule of claim 44, encoding substitution of glutamic acid for lysine-157.

50. (new) An isolated nucleic acid molecule comprising a sequence encoding the polypeptide of SEQ ID NO: 14 with a substitution at lysine-16.

51. (new) The isolated nucleic acid molecule of claim 50, encoding substitution of asparagine for lysine-16.

52. (new) An isolated nucleic acid molecule comprising a sequence encoding the polypeptide of SEQ ID NO: 14 with a substitution at cysteine-87.

53. (new) The isolated nucleic acid molecule of claim 52, encoding substitution of serine for cysteine-87.

54. (new) An isolated nucleic acid molecule comprising a sequence encoding the polypeptide of SEQ ID NO: 14 with a substitution at cysteine-90.

55. (new) The isolated nucleic acid molecule of claim 54, encoding substitution of serine for cysteine-90.

56. (new) A recombinant nucleic acid construct comprising:
a polynucleotide having the sequence of SEQ ID NO: 12;
a polynucleotide having 99% sequence identity with SEQ ID NO: 12;
a polynucleotide having the portion of sequence SEQ ID NO: 12 that encodes a polypeptide having the sequence of SEQ ID NO: 14; or
a polynucleotide having 99% sequence identity with the portion of SEQ ID NO: 12 that encodes a polypeptide having the sequence of SEQ ID NO: 14.

57. (new) The recombinant nucleic acid construct of claim 56, comprising a polynucleotide having the sequence of SEQ ID NO: 12.

58. (new) The recombinant nucleic acid construct of claim 56, comprising a polynucleotide having 99% sequence identity with SEQ ID NO: 12.

59. (new) The recombinant nucleic acid construct of claim 56, comprising a polynucleotide having the portion of sequence SEQ ID NO: 12 that encodes a polypeptide having the sequence of SEQ ID NO: 14.

60. (new) The recombinant nucleic acid construct of claim 56, comprising a polynucleotide having 99% sequence identity with the portion of SEQ ID NO: 12 that encodes a polypeptide having the sequence of SEQ ID NO: 14.